

# A New Runway for Journalists: On the Intentions of Journalists to Start Social Enterprises

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## Abstract

*Journalists have been facing a variety of challenges and are even being laid off in the face of changing media ecosystems in the age of digital convergence. Sharing similar characteristics with entrepreneurs, numerous journalists have worked together to develop social enterprises, attaining social change through business approaches. The present study explores the intentions of former and current journalists to establish social enterprises, using questionnaires focused on personality traits, creativity, and social capital. Results reveal that creativity was found to have a significant influence on the social entrepreneurial intentions of journalists, as does having higher bridging-type social capital.*

**Keywords:** *creativity, entrepreneurial intention, personality traits, social capital, social enterprise.*

## INTRODUCTION

In this era of digital convergence, people freely upload their texts, images, and videos to social media platforms. The subsequent aggregation of people and information on the Internet has garnered attention from journalists, who then use the contents posted online as news sources (Burgess & Green, 2009, p. 15). Newman, Dutton, and Blank (2012) reported that the information from social media had been adopted by journalists to strengthen their news production and dissemination roles. Therefore, newspapers, broadcasts, and television are closely integrated with the Internet, which has changed the

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conventional media ecology. Anyone can become a news producer, producing a massive challenge to the professional status of journalists.

This aggregation of the media ecology has caused a series of layoffs worldwide over the previous five years. Sanlih E-Television in Taiwan, which is actively transitioning into a new medium, laid off 150 of its workers in 2014, whereas TVBS, the first cable television company in Taiwan, announced that only senior reporters aged over 45 years may apply for its retirement plan. In the United Kingdom, many full-time journalistic jobs have been changed into contract or freelance jobs (Storey, Salaman & Platman, 2005). In the United States, the volume of advertisements in conventional paper media dropped 48% from 2006 to 2010, and news jobs have decreased by 36% in the past decade (Smith, 2012). The media industry has thus been stalled and many journalists, forced to leave their jobs, must find alternate career paths. Numerous laid-off reporters have worked together to develop social enterprises, attaining social change through business approaches.

Journalists share several similar characteristics with entrepreneurs, such as their curiosity about new things, their ability to view the world from different perspectives, and their interactions with people at various levels (McManus, 2015). Studies have reported that personality traits influence individuals' entrepreneurial intentions and behaviors (Brandstätter, 2011; Collins, Hanges & Locke, 2004; Zhao, Seibert & Lumpkin, 2010). Accordingly, people who are extroverted, open to new experiences, conscientious, yet have low neuroticism and agreeableness tend to possess strong entrepreneurial intentions. In addition, entrepreneurs in the knowledge economy must possess excellent creativity (Carayannis, Popescu, Sipp & Stewart, 2006). Similarly, social capital strongly influences people's entrepreneurial intentions (Liñán & Santos, 2007). Therefore, the present study explores the effects of personality traits, creativity, and social capital on the social entrepreneurial intentions of journalists.

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## LITERATURE REVIEW

### **Social enterprises and entrepreneurial intentions**

Social enterprises are those created for social welfare and attained social change through innovation (Pelchat, 2005). Social entrepreneurs provide nonprofit job opportunities, cultivate a service workforce, and promote their positions on society, the environment, and public welfare through business approaches (Vitiello & Wolf-Powers, 2014). Social entrepreneurs must be capable of creating social and economic value as well as long-term self-sufficiency. This value involves preserving sociocultural heritage, satisfying

recreational and aesthetic needs, and promoting economic functions to generate goods and services (Mander, Wiggering & Helming, 2007). Smith (2012) reported that numerous journalists who left their media jobs for entrepreneurship have aimed to change the world. In particular, 71% of the journalists indicated that the importance of conventional media will drop in five years, and 84% believe that social enterprises will become increasingly vital, and that news companies will also transition into social enterprises.

Entrepreneurial intentions can be defined as the conviction and preparation required for constructing a new enterprise or increasing the value of an existing enterprise, and the determination for continual planning (Thompson, 2009). Entrepreneurial intentions also play a mediating role in triggering action (Fayolle, Gailly & Lassas-Clerc, 2006). The entrepreneurial intentions of small, medium, and non-profit enterprises vary from those of general for-profit enterprises and require separate research perspectives, arguments, and practices for analysis (Pittaway & Cope, 2007). The entrepreneurial intentions of social entrepreneurs involve increasing social capital and strengthening community cohesion, and are therefore distinct from those of business entrepreneurs (Mair & Noboa, 2006). According to prior research (Lans, Gulikers & Batterink, 2010; Liñán & Chen, 2009), Wang, Peng and Liang (2014) developed an entrepreneurial intention scale with high reliability and validity. This scale categorized entrepreneurial intentions into two factors, namely conviction and preparation.

### **Personality traits versus entrepreneurial intentions**

Personality traits are a type of stable tendency that reveal the distinct patterns of thought, emotion, and behavior of each individual (Costa & McCrae, 1992). These unique traits are expressed in the physical and psychological characteristics of individuals through interactions among genetic, environmental, and learning factors, and are considered to be integrated and persistent (Liang, Chia, & Liang, 2015). The five-factor model is a personality theory that has currently been stably developed in international academia. According to this model, personality traits involve five major factors, namely extraversion, openness to experience, neuroticism, conscientiousness, and agreeableness. Hollifield, Kosicki, and Becker (2001) indicated that journalistic employers prioritized the personality traits and work habits of their employees over their professionalism.

The personality traits of journalists are associated with entrepreneurship (Brandstätter, 2011; Collins et al., 2004; Zhang, 2008). Generally, they are extraverted, independent and open to new experiences (Henningham, 1997; Siu & Lo, 2013). They usually possess high self-confidence (Chen, Greene, & Cricke, 1998) and firmly believe in their own capabilities to adapt to the

external environment and control their performance (Simon, Houghton & Aquino, 2000). These traits define low levels of neuroticism. They commonly hold strong achievement motivations; in other words, they are typically conscientious (Collins et al., 2004; Stewart & Roth, 2004). They are confronted by limited resources, insufficient legal protection, and substantial financial risks, thus becoming more competitive and less agreeable (Zhao & Seibert, 2006). Recent meta-analysis studies have reported that people with strong entrepreneurial intentions are extroverted, open to new experiences, and conscientious, but are also less neurotic and agreeable than other people (Brandstätter, 2011; Zhao et al., 2010). The current study aimed to acknowledge the correlations between identified variables rather than determine their causal relationships. In the end, whether these correlations are positive or negative will be theory-driven and depend on the following measurement analyses. On the basis of the aforementioned studies, we proposed the first two hypotheses:

H1. Extraversion, openness, and conscientiousness are positively related to social entrepreneurial intentions.

H2. Neuroticism and agreeableness are negatively related to social entrepreneurial intentions.

### **Creativity versus entrepreneurial intentions**

According to Barron and Harrington (1981), creativity is defined from two distinct perspectives: the product perspective, which regards creativity as new products with socially recognized achievements (Baer, Kaufman, & Gentile, 2004; Hennessey & Amabile, 2010), and the competency perspective, which refers to creativity as the competencies expressed by individuals in specific tasks (Fryer, 2006). Both perspectives involve two core concepts, namely originality and usefulness (Runco & Jaeger, 2012). In aggregating previous studies, the originality of creativity implies the ability to produce a novel or uncommon idea, behavior, or work, and that the usefulness of creativity implies the ability to produce an appropriate, effective, or valuable idea, behavior, or work. Both must be accepted in the specific societal context (Amabile, 1997; Lin, Hsu & Liang, 2014; Runco & Jaeger, 2012). Cropley (2015) maintained that creativity must involve the qualities of elegance and genesis. The arguments by Lin et al. (2014) and Cropley (2015) were adopted in this study for developing a research instrument.

Prior research has determined that creativity is a critical motivator of entrepreneurial intentions, and proactive and creative people exhibit high levels of entrepreneurial desirability (Balachandran & Sakthivelan, 2013; Zampetakis, 2008). Creative people tend to take more risks and

are more impulsive, independent, and intrinsically motivated. They also see themselves as more competent, hard-working, persistent, and gritty (Kaufman, 2011). The climate for innovation on campus can increase the entrepreneurial intentions of teachers and students (Lee, Wong, Foo & Leung, 2011). In investigating students attending elective journalistic courses at school, the desire to express creativity through various lifestyles and opportunities was identified as students' primary motivation for attending these courses (Hanusch et al., 2016). Similarly, most in-service journalists enjoy being creative, possess strong creativity, and exhibit higher social entrepreneurial intentions than do ordinary people (Lee & Min, 2016). In addition, student imagination and creativity have considerable influences on ventures and rural service (Chang, Yao, Chen, King & Liang, 2016; Yao, Peng, Lee & Liang, 2016). Based on these studies, the following hypothesis was proposed:

H3. Creativity is positively related to social entrepreneurial intentions.

### **Social capital versus entrepreneurial intentions**

Social capital can be defined as the relationship networks that can be effectively mobilized and the totality of the resources owned by all members in the networks (Bourdieu, 1986). The social capital owned by each individual determines the position of the individual in a group, affects the types and quantities of social resources available to the individual, and defines the opportunity for the individual to access these resources (Lin, 2002). Social capital enhances entrepreneurial activities, particularly knowledge acquisition, business opportunity identification, relational connections, reputation establishment, and performance improvement (Lechner & Dowling, 2003; Partanen, Kristian, Westerlund, Rajala & Rajala, 2008; Shaw, Lam & Carter, 2008).

Putnam (2000) indicated that social capital could be categorized into two dimensions, namely bonding and bridging. Bonding social capital refers to strong ties with family and friends who may provide emotional support or access to scarce resources. Bridging social capital refers to weak ties among individuals connected across different social networks and providing new perspectives. Correspondingly, Williams (2006) conceptualized and developed a social capital assessment scale containing 20 items. Furthermore, Liñán and Santos (2007) determined that higher social capital generates higher entrepreneurial intentions.

Media frequently play a role in bridging communities with social capital, facilitating communications among the diverse groups in the communities and promoting social welfare, thus enhancing the development of social

capital (Richards, 2013). The rise of the Internet has facilitated a new ecology of communications, and the online interactions strengthen community connections and enable the extensions of external relationships (Joinson, 2003). Through the mediation of emerging communication technology, Huysman and Wulf (2004) indicated that interpersonal networks can be established, and social capital can be accumulated. Currently, the most frequently employed communication technology is social media, which is most profoundly and positively associated with social capital (Valenzuela, Park & Kee, 2009). Journalists frequently rely on social media to collect information, maintain relationships, and perform interactive communications. Journalists, as a group, accumulate social capital for social entrepreneurship the most easily. The aforementioned studies lead to the final two correlational hypotheses:

H4. Bonding social capital is positively related to social entrepreneurial intentions.

H5. Bridging social capital is positively related to social entrepreneurial intentions.

## METHODS

### Samples

By conducting an online questionnaire, we studied factors influencing the intentions of former or current journalists to start social enterprises. All participants were former or current journalists. Descriptive statistics obtained by analyzing the percentage frequency distribution of the participants' demographic data are listed in Table 1:

**Table 1.** Descriptive analysis of Study 1 ( $n = 401$ )

Variables	Descriptions					
Gender	205 men			196 women		
Age	25 or younger	26–30	31–35	36–40	41–45	46 or older
	25	31	77	97	112	59
Seniority	< 1 year	1–3	4–6	7–9	10–12	> 13 years
	18	55	40	36	71	181

## Measurements

In Part 1, personality was measured using a simplified version of the Big Five personality traits model developed by Thompson (2008). We adapted the original English-language inventory, which consisted of 40 items, into a 20-item Chinese-language questionnaire based on the factor loadings of the inventory. In Part 2, creativity was measured using results from Lin et al. (2014) and Cropley (2015). Specifically, creativity was divided into two aspects: originality and usefulness. In Part 3, social capital was measured using the Social Capital Scales devised by Williams (2006). The original scales comprised of 20 items measuring two types of social capital, namely, bridging- and bonding-type social capital. For this study, we selected the 10 items featuring the highest factor loadings. In Part 4, social entrepreneurial intentions were measured using 8 items rearranged on the basis of Wang, Peng, and Liang (2014). The questionnaire for this study adopted a 6-point Likert-type scale, with *strongly agree* = 6, *agree* = 5, *somewhat agree* = 4, *somewhat disagree* = 3, *disagree* = 2, and *strongly disagree* = 1.

## Procedures

The questionnaires were distributed between October 1, 2016, and November 5, 2016, through online social media groups formed by journalists. The design of the online questionnaire system requires participants to complete all items before proceeding to the next page; therefore, no missing items and thus no missing values existed. A questionnaire was deemed invalid if the responses to all items were similar or if responses to reverse items were illogical. Ultimately we collected 445 questionnaires and obtained 401 valid samples after removing 40 invalid samples.

## RESULTS

### Exploratory factor analysis

Factors used in the exploratory factor analysis were required to have an eigenvalue greater than 1 and a factor loading greater than .3. Table 2 shows that regarding personality traits, results from Bartlett's sphericity test all reached a level of significance ( $\chi^2 = 2549.869$ ;  $p < .001$ ) and the Kaiser-Meyer-Olkin (KMO) measure of sampling adequacy was .743, indicating the factors could be employed to conduct a factor analysis. The test results showed that five factors could be extracted from the 20 items, with a total cumulative variance explained of 58.020%. Therefore, the 20 items for personality traits can be divided into the following five constructs: extraversion, openness to experience, neuroticism, conscientiousness, and agreeableness.

**Table 2.** Factor loading, M, SD, Cronbach's  $\alpha$ , and percentage of variance of personality traits

Factor/Item	EX	OP	NE	CO	AG	M	SD	$\alpha$	% of variance
Extraversion (EX)								.90	14.32
Talkative	.759					4.40	.96	.80	
Outgoing	.820					4.17	1.02	.79	
Reserved	.844					3.77*	1.02	.78	
Shy	.803					3.98*	1.03	.82	
Open to experience (OP)								.80	14.07
Creative			.820			4.38	.89	.55	
Philosophical		.415	.704			4.72	.85	.65	
Unimaginative			.529			4.31*	1.02	.61	
Unintellectual		.421	.426			4.44*	.97	.61	
Neuroticism (NE)								.78	9.95
Anxious				.607	-.343	3.88	1.27	.59	
Jealous				.565		2.73	1.01	.59	
Unworried				.804		3.78*	1.14	.49	
Unenvious				.713		3.32*	1.05	.61	
Conscientiousness (CO)								.86	9.87
Systematic		.781				4.41	.86	.71	
Careful		.677				4.25	.96	.74	
Disorganized		.781				4.50*	.91	.70	
Inefficient		.787				4.70*	.90	.75	
Agreeableness (AG)								.76	9.78
Sympathetic					.481	4.80	.86	.56	
Not harsh					.608	4.10	1.08	.54	
Unkind					.725	4.60*	1.03	.48	
Rude					.717	3.59*	1.27	.55	
Total variance explained									58.020

Note: \* refers to the fact that the times mean scores of these items were reversed.

Results in Table 3 show that, regarding creativity, results from Bartlett's sphericity test did not reach a level of significance. Consequently, the factors cannot be used to perform a factor analysis, but the 12 items were used as a construct with a cumulative variance explained of 65.155%.

**Table 3.** Factor loading, M, SD, Cronbach's  $\alpha$ , and percentage of variance of creativity

Item	Creativity	M	SD	$\alpha$	% of variance
I can develop an unconventional business plan	.797	3.85	.922	.903	
I can develop a unique business plan	.803	3.79	.930	.903	



Item	Creativity	<i>M</i>	<i>SD</i>	$\alpha$	% of variance
I am not good at identifying new market needs	.530	3.97*	.909	.916	
I am good at proposing innovative ideas based on market needs	.718	4.09	.804	.907	
I can develop a business plan that targets specific market segments	.880	3.84	.841	.899	
I can develop a business plan that can lead the market	.880	3.84	.841	.899	
I can understand the diverse needs of various customers	.665	4.31	.794	.909	
I am unable to adapt flexibly to market changes	.385	4.23*	.920	.922	
I can consider the preference of target consumers	.665	4.31	.794	.909	
I can develop a business plan that meets the target market's demand	.830	4.00	.742	.902	
I can develop a business plan that attracts investors' attention	.722	3.85	.807	.907	
My business plan can adapt to different markets after adjustments	.759	3.84	.810	.905	
Total variance explained					53.684

Note: \* refers to the fact that the times mean scores of these items were reversed.

Results in Table 4 show that regarding social capital, results from Bartlett's sphericity test reached a level of significance ( $\chi^2 = 1604.913$ ;  $p < .001$ ) and the KMO measure of sampling adequacy was .761, indicating that the factors can be employed to conduct a factor analysis. The results showed that two factors can be extracted from the ten items, with a total cumulative variance explained of 64.662%. The ten items can be divided into the following two constructs: bonding and bridging.

**Table 4.** Factor loading, *M*, *SD*, Cronbach's  $\alpha$ , and percentage of variance of social capital

Factor/Item	BON	BRI	<i>M</i>	<i>SD</i>	$\alpha$	% of variance
Bonding (BON)					.71	31.84
There are several people I trust to help solve my problems	.746		4.51	.78	.64	
There is someone I can turn to for advice about making very important decisions	.758		4.59	.76	.63	
If I need an emergency loan of US\$500, I have no one I can ask	.581		4.45*	1.11	.73	

Factor/Item	BON BRI	M	SD	$\alpha$	% of variance
The people I interact with would put their reputation on the line for me	.652	3.86	1.10	.68	
The people I interact with would help me fight an injustice	.675	4.33	.87	.65	
Bridging (BRI)				.75	28.91
Interacting with people makes me interested in things that happen outside of my town	.886	4.85	.83	.63	
Interacting with people online/offline makes me want to try new things	.893	4.88	.83	.63	
Talking with people does not make me curious about other places in the world	.567	4.62*	1.17	.79	
Interacting with people makes me feel part of a larger community	.403	4.10	1.06	.78	
Interacting with people makes me feel connected to the bigger picture	.780	4.66	.82	.67	
Total variance explained					60.75

Note: \* refers to the fact that the times mean scores of these items were reversed.

Regarding social entrepreneurial intentions, results from Bartlett's sphericity test reached a level of significance ( $\chi^2 = 2420.223$ ;  $p < .001$ ) and the KMO measure of sampling adequacy was .913, indicating the factors can be employed to conduct a factor analysis (Table 5). The test results showed that the total cumulative variance explained was 65.555%. The eight items for social entrepreneurial intentions were used as a single construct.

**Table 5.** Factor loading, M, SD, Cronbach's  $\alpha$ , and percentage of variance of social entrepreneurial intention

Factor/Item	SEI	M	SD	$\alpha$	% of variance
Social entrepreneurial intention (SEI)					
I wish to start a social enterprise that assists in alleviating environmental issues	.912	4.09	1.06	.92	
I have a preliminary idea for a social enterprise that I plan to implement in the future	.895	3.57	1.08	.91	
My professional goal is to become a social entrepreneur	.879	3.24	1.13	.90	
I am willing to do anything to become a social entrepreneur	.864	3.26	1.21	.90	
I expect that at some point in the future, I will be involved in launching an organization that aims to promote environmental sustainability	.827	3.37	1.15	.90	

Factor/Item	SEI	M	SD	$\alpha$	% of variance
I expect that at some point in the future, I will be involved in launching an organization that aims to help disadvantaged groups	.742	3.62	1.18	.90	
I will act as a professional manager and get involved in the management of a social enterprise through promotion	.677	3.42	1.16	.91	
If I inherit my family's business, I plan on transforming it into a social enterprise	.634	3.68	1.21	.92	
Total variance explained					65.55

### Multiple regression analysis of the variables

The results of a multiple regression analysis found the overall model reached a level of significance ( $p < .001$ ). In addition, creativity and bridging-type social capital as constructs reached a level of significance ( $p < .05$ ), whereas constructs under personality traits were nonsignificant (Table 6). Therefore, both H3 and H5 were supported, whereas H1, H2, and H4 were rejected.

**Table 6.** Multiple regression analysis of the variables

Variables	Factors	Social Entrepreneurial intentions		
		Beta	<i>t</i>	<i>p</i>
Personality Traits	(Constant)	.386	.73	.46
	Extraversion	-.026	-.46	.64
Creativity	Openness	-.105	-1.27	.20
	Neuroticism	.072	1.28	.20
	Conscientiousness	.008	.11	.91
	Agreeableness	-.010	-.16	.87
		.593	6.96	.000***
Social Capital	Bonding	.069	.92	.35
	Bridging	.177	2.43	.015**
Summary	$R^2$	.180		
	F	10.76		
	<i>p</i>	.000***		

\*  $p < .05$ , \*\*  $p < .01$ , \*\*\*  $p < .001$

## DISCUSSION

Our results indicate that the big five personality traits of journalists had no significant influence on their social entrepreneurial intentions. Our hypotheses are built on classic entrepreneurship literature rather than newly emerging social entrepreneurship studies, possibly explaining this result. In addition, we arrived at this finding probably because creativity was included

as an independent variable. Research has confirmed a strong correlation between personality traits and creativity (Amabile, 1983; Chang, Peng, Lin & Liang, 2015). The influence of personality traits was probably subsumed by that of creativity.

Prior research has indicated that social entrepreneurs strive to develop creative mechanisms for circumventing environmental barriers (Dacin, Dacin & Matear, 2010; Shaw & Carter, 2007). Our results also support the view that creativity positively influenced the social entrepreneurial intentions of Taiwanese journalists, concurring with the findings of previous studies. The finding implies that journalists possessing higher levels of creativity are more confident about working independently to confront difficulties, although journalistic voices are traditionally constricted by norms, narratives, and precedents, leaving little room for creativity (Markham, 2012).

Furthermore, bridging social capital has not often been recognized as a robust antecedent for social entrepreneurial intentions (Lorenz, 2008), suggesting a particular need in the context of journalism for bridging social capital to provide new perspectives and innovative approaches. Valenzuela, Park, and Kee (2009) argued that heavy usage of communications technology has a significant positive correlation with social capital, and most Taiwanese journalists are heavy social media users. This study corroborates the finding of Valenzuela et al. (2009), that heavy usage of social media enables journalists to gain bridging-type social capital, which is beneficial for building social enterprises. Moreover, Hockerts (2017) indicated that prior experience of social work can be used to predict social entrepreneurial intentions. Creativity and social capital are both positively correlated with prior experience (Choi, 2004; Fernandez, Castilla & Moore, 2000), supporting Hockerts' findings in the case of journalists.

This study has several limitations. It was conducted using convenience sampling, where questionnaires were distributed to journalists in online social groups. Journalists with experience of more than 13 years were overrepresented (181 out of 401 participants), indicating a potential sampling bias. In addition, the target participants were former or current journalists, with no distinction made between the two types of participants. Consequently, we cannot discuss the results based on any specific group. It is not known if the current occupation of former journalists is significant for the results. Furthermore, the communication patterns featured on television, in newspapers, and on the Internet vary, and consequently, so might the impact of divergent media ecologies. However, we do not discuss the results based on the type of media. Finally, the scale used to measure creativity is newly developed and may not be an optimal tool for the purpose of the current study. Creating a business plan may not be a competency of journalists, but

is nevertheless essential for journalists to initiate a new social venture. Using a measurement tool more adjusted to participants would be advisable in future research.

Considering these limitations, we recommend the following directions for future research. (1) Regarding how journalists actually function in social enterprises, long-term tracking and observation should be conducted to examine whether the personality traits, creativity, and social capital of former and current journalists, as two separate groups, significantly influence their social entrepreneurial behaviors; (2) Studies can separately investigate journalists currently or previously in television, newspapers, and Internet media. (3) In-depth studies should be conducted to explore the personality traits, creativity, and social capital of former journalists who have left the industry and built social enterprises, to examine whether the three variables affect the business models of the social enterprises.

The results of this study show that given the aggregation of conventional media in the context of digital convergence, the creativity and social capital possessed by journalists provides an advantage for them to build social enterprises as an alternative professional path. Our model for evaluating social enterprise creation may benefit both scholars and journalists as a basis for identifying business partners in the creation and development of diverse social enterprises in various media ecologies. Furthermore, where previous creativity research has focused exclusively on general enterprises, this study offers more nuance.

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### References

- Amabile, T.M. (1983). The social psychology of creativity: A componential conceptualization. *Journal of Personality and Social Psychology*, 45(2), 357-376.
- Amabile, T.M. (1997). Entrepreneurial creativity through motivational synergy. *Journal of Creative Behavior*, 31(1), 18-26.
- Astone, N.M., Nathanson, C.A., Schoen, R., & Kim, Y.J. (1999). Family demography, social theory, and investment in social capital. *Population and Development Review*, 25(1), 1-31.
- Baer, J., Kaufman, J.C., & Gentile, C.A. (2004). Extension of the consensual assessment technique to nonparallel creative products. *Creativity Research Journal*, 16(1), 113-117.

- Balachandran, V., & Sakthivelan, M.S. (2013). Impact of information technology on entrepreneurship (e-entrepreneurship). *Journal of Business Management & Social Sciences Research*, 2(2), 51-56.
- Barron, F., & Harrington, D.M. (1981). Creativity, intelligence, and personality. *Annual Review of Psychology*, 32(1), 439-476.
- Bourdieu, P. (1986). The forms of capital. In J. G. Richardson (Ed.), *Handbook of Theory and Research for the Sociology of Education* (pp. 241-258). New York: Greenwood Press.
- Brandstätter, H. (2011). Personality aspects of entrepreneurship: A look at five meta-analyses. *Personality and Individual Differences*, 51(3), 222-230.
- Burgess, J., & Green, J. (2009). *YouTube: Online Video and Participatory Culture* (p. 15). Cambridge, UK: Polity.
- Carayannis, E.G., Popescu, D., Sipp, C., & Stewart, M. (2006). Technological learning for entrepreneurial development (TL4ED) in the knowledge economy (KE): Case studies and lessons learned. *Technovation*, 26(4), 419-443.
- Chang, C.-C., Peng, L.-P., Lin, J.-S., & Liang, C. (2015). Predicting the creativity of design majors from the interaction of diverse personality traits. *Innovations in Education and Teaching International*, 52(4), 371-382.
- Chang, C.-C., Yao, S.-N., Chen, S.-A., King, J.-T., & Liang, C. (2016). Imagining garage startups: Interactive effects of imaginative capabilities on technopreneurship intention. *Creativity Research Journal*, 28(3), 289-297.
- Chen, C.C., Greene, P.G., & Crick, A. (1998). Does entrepreneurial self-efficacy distinguish entrepreneurs from managers? *Journal of Business Venturing*, 13(4), 295-316.
- Choi, J. N. (2004). Individual and contextual predictors of creative performance: The mediating role of psychological processes. *Creativity Research Journal*, 16(2/3), 187-199.
- Collins, C.J., Hanges, P., & Locke, E.A. (2004). The relationship of need for achievement to entrepreneurship: A meta-analysis. *Human Performance*, 17(1), 95-117.
- Costa, P.T., & McCrae, R.R. (1992). *NEO PI-R. Professional manual*. Odessa, FL: Psychological Assessment Resources.
- Cropley, A.J. (2015, April). *Transferable criteria of creativity: A universal aesthetic*. Paper presented at the New Zealand Creativity Challenge: Creativity crosses boundaries, Wellington, NZ.
- Dacin, P. A., Dacin, M. T., & Matear, M. (2010). Social entrepreneurship: Why we don't need a new theory and how we move forward from here. *The Academy of Management Perspectives*, 24(3), 37-57.
- Fayolle, A., Gailly, B., & Lassas-Clerc, N. (2006). Assessing the impact of entrepreneurship education programmes: A new methodology. *Journal of European Industrial Training*, 30(9), 701-720.
- Fernandez, R. M., Castilla, E. J., & Moore, P. (2000). Social capital at work: Networks and employment at a phone center. *American Journal of Sociology*, 105(5), 1288-1356.

- Fryer, M. (2006). Making a difference: A tribute to E. Paul Torrance from the United Kingdom. *Creativity Research Journal*, 18(1), 121-128.
- Hanusch, F., Clifford, K., Davies, K., English, P., Fulton, J., Lindgren, M., O'Donnell, P., Price, J., Richards, I., & Zion, L. (2016). For the lifestyle and a love of creativity: Australian students motivations for studying journalism. *Media International Australia*, 160(1), 101-113.
- Hennessey, B.A., & Amabile, T.M. (2010). Creativity. *Annual Review of Psychology*, 61(1), 569-598.
- Henningham, J. (1997). The journalist's personality: An exploratory study. *Journalism & Mass Communication Quarterly*, 74(3), 615-624.
- Hockerts, K. (2017). Determinants of social entrepreneurial intentions. *Entrepreneurship Theory and Practice*, 41(1), 105-130
- Hollifield, C. A., Kosicki, G. M., & Becker, L. B. (2001). Organizational vs. professional culture in the newsroom: Television news directors' and newspaper editors' hiring decisions. *Journal of Broadcasting & Electronic Media*, 45(1), 92-117.
- Huysman, M., & Wulf, V. (2004). Social capital and information technology: Current debates and research. *Social Capital and Information Technology* (pp. 1-15). Cambridge, MA: The MIT Press.
- Joinson, A.N. (2003). Sharing and surfing: The benefits of on-line communities and web browsing. In *Understanding the Psychology of Internet Behaviour: Virtual Worlds, Real Lives* (pp. 143-162). New York: Palgrave Macmillan.
- Kaufman, S. B. (2011). Is conscientiousness compatible with creativity? Creative people are both conscientious and not conscientious at the same time. Retrieved 25 March 2017 from <https://www.psychologytoday.com/blog/beautiful-minds/201108/is-conscientiousness-compatible-creativity>
- Lans, T., Gulikers, J., & Batterink, M. (2010). Moving beyond traditional measures of entrepreneurial intentions in a study among life-sciences' students in the Netherlands. *Research in Post-Compulsory Education*, 15(3), 259-274.
- Lechner, C., & Dowling, M. (2003). Firm networks: External relationships as sources for the growth and competitiveness of entrepreneurial firms. *Entrepreneurship & Regional Development*, 15(1), 1-26.
- Lee, L., Wong, P. K., Foo, M. D., & Leung, A. (2011). Entrepreneurial intentions: The influence of organizational and individual factors. *Journal of Business Venturing*, 26(1), 124-136.
- Lee, S.-Y., & Min, J. (2016). The profiles of creative potential and personality characteristics of adult professionals. *Creativity Research Journal*, 28(3), 298-309.
- Liang, C.-T., Chia, T.-L., & Liang, C. (2015). Effect of personality differences in shaping entrepreneurial intention. *International Journal of Business and Social Science*, 6(4.1), 166-176.



- Lin, N. (2002). *Social Capital: A Theory of Social Structure and Action*. Cambridge University Press.
- Lin, W.-S., Hsu, Y., & Liang, C. (2014). The mediator effects of conceiving imagination on academic performance of design students. *International Journal of Technology and Design Education*, 24(1), 73-89.
- Liñán, F., & Chen, Y. (2009). Development and cross-cultural application of a specific instrument to measure entrepreneurial intentions. *Entrepreneurship Theory and Practice*, 33(3), 593-617.
- Liñán, F., & Santos, F.J. (2007). Does social capital affect entrepreneurial intentions? *International Advances in Economic Research*, 13(4), 443-453.
- Lorenz, G. (2008). The implementation of social capital features in social auditing procedures to secure community accountability of social enterprises in the third sector. Retrieved 15 March, 2017 from [http://base.socioeco.org/docs/social\\_audit\\_concise-usti2008.pdf](http://base.socioeco.org/docs/social_audit_concise-usti2008.pdf)
- Mair, J., & Noboa, E. (2006). Social entrepreneurship: How intentions to create a social venture are formed. In J. Mair, J. Robinson, and K.N. Hockerts (Eds.), *Social Entrepreneurship* (pp. 121-135). Basingstoke, U.K.: Palgrave MacMillan.
- Mander, Ü., Wiggering, H., & Helming, K. (Eds.) (2007). *Multifunctional land use: Meeting future demands for landscape goods and services*. New York, NY: Springer.
- Markham, T. (2012). The politics of journalistic creativity: Expressiveness, authenticity and de-authorization. *Journalism Practice*, 6(2), 187-200.
- McManus, K. (April 30, 2015). *Why journalists make great entrepreneurs*. Retrieved October 9, 2016, from <http://mediashift.org/2015/04/why-journalists-make-great-entrepreneurs/>
- Nahapiet, J., & Ghoshal, S. (1998). Social capital, intellectual capital, and the organizational advantage. *Academy of Management Review*, 23(2), 242-266.
- Newman, N., Dutton, W.H. & Blank, G. (2012). Social media in the changing ecology of news: The fourth and fifth estates in Britain. *International Journal of Internet Science*, 7(1), 6-22.
- Partanen, J., Kristian, M., Westerlund, M., Rajala, R., & Rajala, A. (2008). Social capital in the growth of science-and-technology-based SMEs. *Industrial Marketing Management*, 37(5), 513-522.
- Pelchat, M.-C. (2005). Social entrepreneurship in Taiwan: Possibilities and challenges for empowerment. Paper presented at the 4<sup>th</sup> ISTR Asia and Pacific Conference. November 16-18, Bangalore, India.
- Pittaway, L., & Cope, J. (2007). Entrepreneurship education: A systematic review of the evidence. *International Small Business Journal*, 25(5), 479-510.
- Richards, I. (2013). Beyond city limits: Regional journalism and social capital. *Journalism*, 14(5), 627-642.
- Runco, M.A., & Jaeger, G. (2012). The standard definition of creativity. *Creativity Research Journal*, 24(1), 92-96.



- Shaw, E., & Carter, S. (2007). Social entrepreneurship: Theoretical antecedents and empirical analysis of entrepreneurial processes and outcomes. *Journal of Small Business and Enterprise Development*, 14(3), 418-434.
- Shaw, E., Lam, W., & Carter, S. (2008). The role of entrepreneurial capital in building service reputation. *The Service Industries Journal*, 28(7), 899-917.
- Simon, M., Houghton, S.M., & Aquino, K. (2000). Cognitive biases, risk perception, and venture formation: How individuals decide to start companies. *Journal of Business Venturing*, 15(2), 113-134.
- Siu, W.-S., & Lo, E. S.-C. (2013). Cultural contingency in the cognitive model of entrepreneurial intention. *Entrepreneurship Theory and Practice*, 37(2), 147-173.
- Smith, J. A. (2012). Journalism is becoming a form of social entrepreneurship. *Stanford Social Innovation Review*, 10(1), 23-25.
- Stewart, W.H., & Roth, P.L. (2004). Data quality affects meta-analytic conclusions: A response to Miner and Raju (2004). Concerning entrepreneurial risk propensity. *Journal of Applied Psychology*, 89(1), 14-21.
- Storey, J., Salaman, G., & Platman, K. (2005). Living with enterprise in an enterprise economy: Freelance and contract workers in the media. *Human Relations*, 58(8), 1033-1054.
- Thompson, E.R. (2009). Individual entrepreneurial intent: Construct clarification and development of an internationally reliable metric. *Entrepreneurship Theory and Practice*, 33(3), 669-694.
- Valenzuela, S., Park, N., & Kee, K.F. (2009). Is there social capital in a social network site? Facebook use and college students' life satisfaction, trust, and participation. *Journal of Computer-Mediated Communication*, 14(4), 875-901.
- Vitiello, D., & Wolf-Powers, L. (2014). Growing food to grow cities? The potential of agriculture foreconomic and community development in the urban United States. *Community Development Journal*, 49(4), 508-523.
- Wang, J.-H., Peng, L.-P., & Liang, C. (2014). Developing and testing the psychological influence, rural practice, and entrepreneurial intention scales. *Review of Agricultural Extension Science*, 31, 72-95.
- Williams, D. (2006). On and off the 'Net: Scales for social capital in an online era. *Journal of Computer-Mediated Communication*, 11(2), 593-628.
- Yao, S.-N., Peng, L.-P., Lee, J.-L., & Liang, C. (2016). Imagining rural practice. *Business Creativity & the Creative Economy*, 2(1), 62-69.
- Zampetakis, L.A. (2008). The role of creativity and proactivity on perceived entrepreneurial desirability. *Thinking Skills and Creativity*, 3(2), 154-162.
- Zhang, L.-F. (2008). Revisiting the big six and the big five among Hong Kong university students. *Educational Psychology*, 28(1), 1-14.
- Zhao, H., & Seibert, S.E. (2006). The Big Five personality dimensions and entrepreneurial status: A meta-analytical review. *Journal of Applied Psychology*, 91(2), 259-271.

Zhao, H., Seibert, S.E., & Lumpkin, G.T. (2010). The relationship of personality to entrepreneurial intentions and performance: A meta-analytic review. *Journal of Management*, 36(2), 381-404.

### **Abstrakt**

*Dziennikarze nieustannie stoją przed różnymi wyzwaniami, a w dobie cyfrowej konwergencji czasem nie nadążając za nowościami w obliczu zmieniających się ekosystemów. Wielu dziennikarzy rozpoczęło współpracę ukierunkowaną na rozwój przedsiębiorstw społecznych zauważając podobieństwa w charakterystyce ich zawodu z przedsiębiorcami społecznymi, który przyczynia się do zmiany społecznej dzięki biznesowemu podejściu do problemów społecznych. Przedstawione w tekście badanie ma na celu poznanie intencji zakładania przedsiębiorstw społecznych przez byłych i obecnych dziennikarzy. W badaniu użyto kwestionariuszy badających cechy osobowości, poziom kreatywności i kapitał społeczny. Wyniki badania pokazują, że kreatywność oraz wysoki pomostowy kapitał społeczny mają istotne znaczenie dla 'społecznych' intencji przedsiębiorczych wśród dziennikarzy.*

**Słowa kluczowe:** kreatywność, intencje przedsiębiorcze, cechy osobowości, kapitał społeczny, przedsiębiorstwo społeczne.

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